

Amendments to the Specification:

Please replace paragraph [0022] with the following paragraph:

[0022] As shown in Figure 3, characteristic curve 3a shows the up/down periodic movement periodic movement over time due to pitching when pitching takes place; characteristic curve 3b shows the change in image velocity over time image velocity; and characteristic curve 3c shows the change in image acceleration over time. As shown in Figure 3, when image acceleration 3c is zero, image velocity 3b is maximum or minimum, and periodic movement 3a is at the inflection point. When the curve 3a is at the inflection point, the pitch of the vehicle is at zero, and thus the vehicle is level. When the curve 3a is not at the inflection point, the pitch of the vehicle has some magnitude, indicating that the vehicle is non-level. Because the inflection point of periodic movement 3a shows the point at which the vehicle is balanced (i.e., when the pitch of the vehicle is level), it is possible to judge that an image with an image acceleration 3c of zero is one captured when the vehicle itself was balanced when pitching of the vehicle itself took place.